
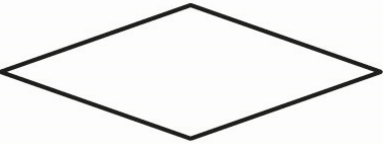



Oxford Revise | OCR Computer Science | Answers

Chapter 16 Writing algorithms

Question	Answer	Extra information	Marks	AO / Specification reference
1	Pseudocode resembles programming languages, so it can be used to represent an algorithm that is understood by many programmers.	<p>1 mark for outlining a reason for using pseudocode and 1 mark for expanding this answer.</p> <p>The answer given is an example and other appropriate answers are also acceptable. However, the question asks for one reason, so make sure your answer only includes one clearly written reason.</p>	<p>1</p> <p>1</p>	<p>AO1/AO2</p> <p>2.1.2</p>

2	Symbol name	Flowchart symbol	1 mark for each correct symbol.	1	AO1 2.1.2
	Input/Output				
	Decision				
	START/END				

Question	Answer	Extra information	Marks	AO / Specification reference
3	<p>Advantage: The program can be compiled and run to test whether it works, but the OCR Exam Reference Language is theoretical so cannot run.</p> <p>Disadvantage: Not everyone understands Java, but programmers of other languages are likely to understand the OCR Exam Reference Language.</p>	<p>1 mark for a correct advantage and 1 mark for a correct disadvantage. Other correct answers are also acceptable.</p> <p>This question requires an advantage and a disadvantage of Java against the OCR Exam Reference Language, so it is important that the answer clearly represents how one compares to the other.</p>	1 1	AO1 2.1.2